

**CONTRACT CHANGE ORDER MEMORANDUM**

DATE: 7/10/2013 Page 1 of 2

TO: Tony Anziano, Program Manager /			FILE: <b>E.A.</b> 04 - 0120F4	
FROM: Darryl Schram, Senior TE			<b>CO-RTE-PM</b> SF-80-13.2/13.9	
			<b>FED. NO.</b> No	
CCO#: <b>321</b>	SUPPLEMENT#: <b>1</b>	Category Code: <b>CXXX</b>	CONTINGENCY BALANCE (incl. this change) <b>\$75,986,147.22</b>	
COST: <b>\$1,800,000.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> Add. Funds IERBYS Building Work			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Providing additional funds to perform architectural, structural, electrical, mechanical, and plumbing for rehabilitation construction at Interurban Electric Railway Bridge Yard Shop (IERBYS).

The Department is in the process of constructing a new maintenance facility for the San Francisco-Oakland Bay Bridge East Spans. This new facility, which will be constructed over several phases, was planned to include a storage warehouse and maintenance training facility. Construction of the warehouse will begin this year, but timing of the completion of the facility will not coincide with the completion of the major East Span construction projects including the SAS Project. Additionally, planning for the new warehouse did not anticipate the level of storage of materials, parts and engineering documentation that will actually be required for the new East Span. To address the immediate concern of the large amount of materials being primarily furnished by the SAS Project and needing proper storage the IERBYS building, an existing state-owned maintenance facility constructed in 1938, has been identified as a solution.

The IERBY's building will be used to store the unique equipment, materials, and engineering documents furnished from the East Span Project needed for use in maintaining the Structure. This equipment, materials, and engineering documents include but are not limited to such items as: additional cable bands, cable clamps, cable band bolts, cable band bolt tensioning equipment, cable S-wire wrapping equipment, replacement suspender ropes, tower replacement struts, deck joint replacement materials, design and construction documents, etc. Most of these items are specific to the SAS Structure and will be needed for proper maintenance over time and/or restoration of bridge service after a major earthquake event. Additionally, as the SAS Structure is placed into service and transferred into the maintenance inventory, this facility will also provide a venue to transfer construction knowledge and train maintenance personnel in how to maintain the new Structure.

The Toll Bridge Program Oversight Committee (TBPOC) Project Management Team (PMT) approved the use of the IERBY's building and provided approval for \$1.4 million on February 6, 2013 for SAS Contract Change Orders to perform the early work to relocate a portion of the maintenance personnel currently occupying the IERBY's building (CCO 296), to perform an initial geotechnical foundation investigation to determine the condition of the existing wood piling foundation (CCO 295), and to perform soft demolition to remove all the interior non-structural partitions (CCO 297). TBPOC approved an additional \$1.6 million for IERBYS building improvements and \$3.2 million for IERBYS sitework improvements.

CCO 321 S0 "IERBYS Building Work" constructed structural steel, metal stud framing, electrical, mechanical, plumbing, concrete demolition, concrete ramp and infill, painting, glazing, and roofing rehabilitation work on the IERBYS building. This supplemental change order will include the remaining interior rehabilitation work on the IERBYS including roof repairs, glass protection, fire protection improvements, mechanical/electrical/plumbing improvements, fire/life safety upgrades, Americans with Disabilities Act (ADA) accessibility upgrades, new bathrooms, lighting and heating improvements, and other miscellaneous architectural improvements.

The Department estimates an additional cost of \$1,800,000.00 extra work at force account for this change, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 321 S0 and S1 is \$2,400,000.00.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Tony Anziano

**CONTRACT CHANGE ORDER MEMORANDUM**

EA: 0120F4 CCO: 321 - 1

DATE: 7/10/2013

Page 2 of 2

(Program Manager), and Wenyi Long (Bridge Design).

<b>CONCURRED BY:</b>			<b>ESTIMATE OF COST</b>										
Construction Engineer:	William Casey, Sup TE	Date 7/8/13	THIS REQUEST		TOTAL TO DATE								
Bridge Engineer:		Date	ITEMS	\$0.00	\$0.00								
Project Engineer:		Date	FORCE ACCOUNT	\$1,800,000.00	\$2,400,000.00								
Project Manager:		Date	AGREED PRICE	\$0.00	\$0.00								
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00								
Environmental:		Date	<b>TOTAL</b>	<b>\$1,800,000.00</b>	<b>\$2,400,000.00</b>								
Other (specify):	HQ, Rich Foley	Date 7/10/13	<b>FEDERAL PARTICIPATION</b>										
Other (specify):	TB Program Manager, Tony Anzian	Date 7/10/13	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING										
District Prior Approval By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)										
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS										
Resident Engineer's Signature:		Date	<table border="0"> <tr> <td>FEDERAL FUNDING SOURCE</td> <td>PERCENT</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> </tr> </table>			FEDERAL FUNDING SOURCE	PERCENT	_____	_____	_____	_____	_____	_____
FEDERAL FUNDING SOURCE	PERCENT												
_____	_____												
_____	_____												
_____	_____												

*[Signature]* 7-10-13